

Attorney Docket: 6550-000013  
Serial No. 09/114,665

**IN THE CLAIMS:**

Please cancel, without prejudice, Claim 12 and amend Claims 1 and 16 as follows:

1. (Twice Amended) A method for producing an *in-situ* composite solder having  
*B1* an intermetallic phase comprising the steps of

- A2* a) combining a solder with the components of the intermetallic phase to form a mixture;  
*C1* b) heating the mixture of step a) to a temperature greater than the highest melting temperature of any of the individual components of the intermetallic phase to form a non-solid;  
c) rapidly cooling the mixture of step b) at a rate of at least about 100 °C/sec.

*B2* 16. (Amended) [The] A method [of Claim 1 where] for producing an *in-situ* composite solder having an intermetallic phase comprising the steps of

- A3* *B3* a) combining a solder with the components of the intermetallic phase to form a mixture;  
b) heating the mixture of step a) to form a non-solid;  
c) cooling the non-solid mixture of step b) [is cooled] to form a solid; [and]  
d) [then heated] heating the solid of step c) to form a non-solid [prior to the rapid cooling of step c.]; and  
e) rapidly cooling the mixture of step d).

**REMARKS**

Claims 1-25 are pending in the present application. Claims 1-15 stand rejected.

Claim 16 is objected to and Claims 20-25 have been allowed. Claims 17-19 have been